



Part of 113

INFORMATION DISCLOSURE CITATION IN APPLICATION				DOCKET NUMBER 50544.00004 (NVLS 379)		APPLICATION NUMBER 09/872,796	
(Use several sheets if necessary)				APPLICANT Craig L. Stevens, et al.			
				FILING DATE June 1, 2001		GROUP ART UNIT 2812 2813	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	U						Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	V	<del>"Operator's Handbook," MB<sup>2</sup> Modular Sputtering System, Varian Semiconductor Equipment, TFS Technical Publications, October, 1994, Table of Contents, i - iv, Pages 1-2, 2-1, 2-6; 3-1, 3-2; 4-1, 4-4, 5-24.</del>					
		<del>"Drawings &amp; Schematics Manual" Backbone Vol. 1, MB<sup>2</sup> Modular Sputtering System, Varian Semiconductor Equipment, TFS Technical Publications, June 1996, Table of Contents, i - vii; Index by Drawing Title, viii - xiii; Index by Drawing Number, xiv - xix.</del>					
		<del>"Various Engineering Drawings for Varian Semiconductor Processing System," Varian Associates, Exact Dates Unknown, Pages 244 245, 247 - 272- 274-1.</del>					
EXAMINER <i>E. K. L.</i>				DATE CONSIDERED <i>12/11/02</i>			
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 1 of 2

## Complete if Known

Application Number	09/872,796
Filing Date	June 1, 2001
First Named Inventor	Craig L. Stevens
Group Art Unit	2813
Examiner Name	Kielin, Erik J.
Attorney Docket Number	10001.000600 (NVLS 379)

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
ER	A1	US- 4,923,584	May 8, 1990	Bramhall, Jr. et al.	
ER	A2	US- 4,927,484	May 22, 1990	Mitomi	
ER	A3	US- 5,330,633	July 19, 1994	Matsumoto	
ER	A4	US- 5,674,368	October 7, 1997	Hashimoto, et al.	
ER	A5	US- 2002/0031420	March 14, 2002	Kroeker	
ER	A6	US- 2002/0033136	March 21, 2002	Savage, et al.	
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†*
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>Erik J. Kielin</i>	Date Considered	5/17/03
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**Complete if Known**

Application Number	09/872,796
Filing Date	June 1, 2001
First Named Inventor	Craig L. Stevens
Group Art Unit	2813
Examiner Name	Kielin, Erik J.
Attorney Docket Number	10001.000600 (NVLS 379)

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EK	A7	"Operator's Handbook", MB2 Modular Sputtering System, Varian Semiconductor Equipment, TFS Technical Publications, October 1994.	
EK	A8	"Drawings & Schematics Manual" Backbone Volume 1, MB 2 Modular Sputtering System, Varian Semiconductor Equipment, TFS Technical Publications, June 1996.	
EK	A9	Various Engineering Drawings, Published as early as October 1993, Varian Semiconductor Processing System, Varian Associates, Palo Alto, California.	

Examiner Signature	Erik Kielin	Date Considered	5/17/03
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Patents, Washington, DC 20231.

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)				DOCKET NUMBER 50544.00004 (NVLS 379)		APPLICATION NUMBER 09/1872796 Unassigned	
				APPLICANT Craig L. Stevens and Karl B. Levy			
				FILING DATE June 1, 2001		GROUP ART UNIT Unassigned 2813	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EK	A	5,186,718	02/16/93	Avi Tepman, et. al.	29	25.01	04/15/91
EK	B	4,917,556	04/17/90	Lawrence R. Stark, et. al.	414	217	05/26/89
EK	C	5,135,608	08/04/92	Ken Okutani	156	643	07/10/90
EK	D	5,314,541	05/24/94	Masasi Saito, et. al.	118	725	05/28/92
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EK	J	4,851,101	07/25/89	Martin A. Hutchinson	204	298	09/18/87
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EK	L	5,676,590	10/14/97	Naoki Hiraoka	451	287	12/29/95
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EK	O	5,961,722	10/05/99	Gayle Buhner, et. al.	118	712	11/26/97
EK	P	6,007,675	12/28/99	Masato Toshima	156	345	12/01/97
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EK	S	5,882,165	03/16/99	Dan Maydan, et. al.	414	217	09/10/97
EK	T	5,951,770	09/14/99	Ilya Perlov, et al.	118	719	06/04/97
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	U						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
EX	V	John F. O'Hanlon, et al: "Reduction of water aerosol contamination during pumping of a vacuum chamber from atmospheric pressure" <u>American Vacuum Society</u> , J. Vac.Sci.Technol. A 9 (5); Sep/Oct 1991, Pages 2802-2807
EXAMINER	<i>Eric K...</i>	DATE CONSIDERED 12/11/02
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Examiner Name	Kiehn, Erik J.
Attorney Docket Number	10001.000600 (NVLS 379)

**U.S. PATENT DOCUMENTS**

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		Number - Kind Code <sup>2</sup> (if known)			
EK	A10	US-3,202,406	Aug. 24, 1965	Tack	
	A11	US-4,220,899	Sept. 2, 1980	Von Der Heide	
	A12	US-4,560,911	Dec. 24, 1985	Chitayat	
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
EK	A22	JP 410178083A	06-30-1998	Kokusai Electric CO LTD		
EK	A23	FR 2 768 028 A1	01-15-1999	Ecole Nationale Supérieure Des		

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